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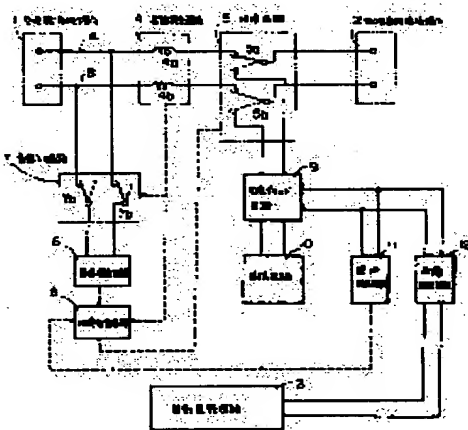
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(54) SUBSCRIBER'S LINE DISCONNECTION AUTOMATIC INFORMATION DEVICE

(57)Abstract:

PURPOSE: To detect a line disconnection and automatically inform the line disconnection without adding a device to a subscriber's house by providing an alternating current bridge circuit making a side a subscriber's loop connecting side connected through a change-over circuit.

CONSTITUTION: When a receiving is obtained, an inter-ringing signal comes to an exchanger connecting terminal 1, the receiving is detected in a receiving detecting circuit 6 and this detected output is inputted to a change-over drive circuit 8. A change-over circuit 5 is changed over and the exchanger connecting terminal 1 and the subscriber's loop connecting terminal 2 are connected by the change-over circuit 5. On calling, when the subscriber raised up the receiver, the loop is formed through the subscriber's loop connecting terminal 2, so that a change of an alternating current bridge circuit 9 is detected in a calling detecting circuit 11, and the subscriber's loop connecting terminal 2 is connected to the exchanger connecting terminal 1. When the disconnection is generated, impedance in the alternating current bridge circuit 9 is changed, so that the change is detected by a disconnection detecting circuit 12 and the detected signal is transmitted to an automatic informing circuit 3, and a disconnection detecting data is informed automatically to an external guarding center or the like.



LEGAL STATUS

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